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ORANGE COUNTY AMATEUR RADIO CLUB
VOLUME XXX1X NO. 3 P.O. BOX 3454, TUSTIN, CA. 92681 MARCH 1998

Prez Sez

The antenna party held on February 21 was a big success with special thanks to Jim Clark. Jim really made our day by showing up with the crane from GRAHAM BROTHERS HEATING AND AIR CONDITIONING.

Also Jim was Johnny-On-The-Spot-Antenna-Climber-Extraordinary. I really wasn't surprised though, as Jim is always ready to jump in and give a hand. Thanks Jim, you really made the 40 foot tower with attached antenna come down easy. There really wasn't a lot of competition in tower climbing was there Jim? And Jim, it was fun to be on the crane again. The last time that I was the crane operator for that same crane was about 13 years ago. Where has the time gone?

Email address updates needed! At the February breakfast there was a request to post email addresses for our members. If you have an email address that you wish to have posted in the RF or a roster, then please send an email to me at: kd6bwh@juno.com and I will get the updated list to the editor for printing.

Now is the time to get those dues paid. March is the last scheduled RF to be mailed to members who have not yet paid their 1998 dues. Now is also a good time to work on your friends and make them aware of the Orange County Amateur Radio Club. I saw Bud VPP

doing just that during a recent RACES meeting in Anaheim. We do need new members.

Fried Heyn was at the February meeting and appointed John Clark KD6PZF as an assistant who will liaison with Fried and the ARRL. We are glad to have John representing our club and bringing us the latest ARRL news. Fried and Sandy also announced the ARRL SW convention which will be held August 14-16, 1998 at the San Diego Town & Country Convention Center.

We will have a committee going to a meeting on March 28 near the TRW Swap meet to pitch our club efforts for the 1999 Convention to be held on the Queen Mary. That convention will be on Oct. 1-3, 1999.

73, de kd6bwh Bob

1998 BOARD OF DIRECTORS

| | | | |
|----------------------|----------------------|-------------|----------|
| President..... | Bob Buss..... | KD6BWH..... | 534-2995 |
| Vice President..... | Larry Hoffman..... | K6LDC..... | 636-4345 |
| Secretary..... | Jim Winn..... | KE6UCH..... | 731-2732 |
| Treasurer..... | Phil Andersen..... | N7PA..... | 731-8333 |
| Activities..... | Steve Rasmussen..... | KE6NAH..... | 630-3305 |
| Membership..... | John Dawson..... | WA6RND..... | 633-7469 |
| Publicity..... | Ken Konechy..... | W6HHC..... | 744-0217 |
| Technical..... | Larry Beilin..... | K6VDP..... | 557-7217 |
| Member at Large..... | Frank Smith..... | WA6VKZ..... | 838-3180 |
| Member at Large..... | Art Sheldon..... | AD6B..... | 997-3735 |

CLUB APPOINTMENTS

| | | | |
|------------------------|--------------------|-------------|--------------|
| Club Historian..... | Bob Evans..... | WB6IXN..... | 543-9111 |
| W6ZE Trustee..... | Bob Eckweiler..... | AF6C..... | 639-5074 |
| RF Editor..... | Bud Barkhurst..... | WA6VPP..... | 774-6361 |
| Refreshments..... | | | |
| Field Day Chairman.... | Chris Breller..... | KJ6ZH..... | 562-925-9157 |

DUES

Regular Members.....\$15.00 Additional Members.....\$7.50 each
Teenage Members.....\$ 6.00 Optional Club Badge.....\$5.00 each
Dues for new members are pro-rated quarterly from January 1st each
year. Family members must reside at the address of a regular member.
Only one RF is sent per household.



An ARRL Affiliated Club

Minutes of General Meeting 2-20-98

The presentation for the evening was by Ken Boume, W6HK. Ken is the State Director for RACES.

Meeting of the OCARC was called to order at 9:07pm by Bob, KD6BWH at the Orange County Red Cross Center. All board members were present except Ken, W6HHC. Freid Heyn of ARRL addressed the club and announced that the ARRL convention will be August 14th thru 16th and encouraged sign-ups at the meeting. Freid presented John Clarke K6PZF with a certificate acknowledging John's new position as club liaison to Freid Heyn and the ARRL. Larry, K6LDC, made the motion to approve the minutes as published and Frank, WA6VKZ seconded.

Treasurer: Phil, N7PA reported \$1779.34 in the Treasury.

Membership: John, WA6RND stated we have 40 paid up members and introduced, Monty KF6OGB, Freid and Sandy Heyn from ARRL, Tuck, K6ZEC and Bill N6RKY. A new member Howard, KA6CZI.

Vice-President: Larry, K6LDC said he has submitted all the meeting dates to the Red Cross for 1998. Also, the 3rd semi-annual Not-So-DX-Pedition will be the first weekend in May at the Black-Rock camp ground in Yucca Valley. Reservations at \$10.00 per day can be made starting at the March meeting.

Activities: Steve, KE6NAH, informed the club that the grand prize would be a MAHA universal charger.

Publicity: Not present

Technical: Larry, K6VDP, had nothing to report.

Secretary: Jim, KE6UCH, said there were no new communications.

New Business: Tom, WA6PFA, discussed the City of Orange, Baker to Vegas Challenge Cup Relay Race the last weekend in April and is looking for sign-ups. Bob, BWH mentioned the Orange County fair is coming up and the club chose the 18th or the 25th as the club days at the fair. Chris, KJ6ZH, discussed Field Day and the disposal of towers, equipment and the need for a band captain for 80 meters. Bob, BWH mentioned the need for a committee for the 1999 ARRL Convention. Chris, KJ6ZH, stated that a letter has been sent to the Marine Base requesting Field Day use. Frank, WA6VKZ, will print and mail the next RF.

Ad-Hoc: Larry, K6LDC stated the next committee meeting will be at 6:30pm preceding the General Meeting.

Good of the Club: Chris, K6ZH reported on the health and progress of W6IVP and to keep her in our thoughts.

Motion to adjourn was made by Frank, WA6VKZ and was seconded by WD6FMX.

Respectfully submitted: Jim Winn, KE6UCH, Secretary.

Minutes of OCARC Board Meeting 07-March-98

All board members were present except Bob/AF6C and Jim/KE6UCH. Fourteen people attended the breakfast and board meeting.

Phil/N7PA reported that the club treasury had \$1875.59

Larry/K6LDC reported that the March program will be presented by Comet Antennas.

Phil/N7PA made a suggestion that the OCARC could save money if we converted towards E-Mail distribution of the RF newsletter (either completely or partially). A poll of how many people would Not be interested in receiving the RF via E-Mail yielded:

- 4 out of 13 were not interested
- 1 out of 4 had not E-Mail access
- 3 of the 4 preferred the quality of the mailed RF newsletter

Larry/K6LDC reported that the "Not So DX Expedition" was scheduled for May 1,2,3 Larry is taking reservations now.

Because 6 of 8 board members will be at the camping outing, no board meeting will be held at COCO's in May. The May breakfast will also be canceled. Steve /KE6NAH will inform COCO's.

Larry/K6LDC reported the Marketing Committee, formed to boost OCARC membership drives, will hold their next meeting at 6:30pm (before the OCARC regular meeting) on Friday 20-March.

There was no report on any Field Day Trailer progress.

Frank/WA6VKZ reported that the OCARC had been donated 4 ten-foot sections of a ROHM tower. The plan is to make two 20-foot towers for Field Day, also, the plan is to do a trial run at the "NOT SO DX Expedition", outing in May.

The 1998 OC Fair is scheduled for July 10-26. Ken/W6HHC will prepare 500 copies of a good OCARC flyer with a detailed map on the back. Frank/WA6VKZ will send Ken a suitable map. Larry/K6LDC will e-mail the nice flyer he had previously prepared.

Phil/N7PA proposed that the OCARC form a committee to investigate creating an OCARC Web site. The committee is composed of Chairman-Frank/WA6VKZ, Phil/N7PA, Larry/K6LDC and Ken/W6HHC.

The committee has permission to plan for using up to \$100 per year for such a site.

John/WA6RND confirmed that he will pick up the printed RF newsletter from Office depot for mailing in March.

Tom/WA6PFA reported that the city of Orange COAR group is looking for volunteer radio operators for the annual "Baker TO VEGAS" police running event, scheduled for April 25-26. For more information, contact Tom/WA6PFA.

.....submitted by Ken

W6HHC (acting)

Emergency Communications on the Internet

County of Orange RACES
<http://www.flo-bin.com/ocraces/>

State of California ACS
<http://www.garlic.com/oes/acs1.htm>

State of California ACS - Southern Region
<http://www.qsl.net/races/soca>

National RACES
<http://www.qsl.net/races/>

State of California Emergency Digital Information Service (EDIS)
<gopher://oes1.oes.ca.gov:5555/00/edis/0931>

Amateur Radio ARES/RACES Internet Users
<http://www.csi-avs.com/n4uyq/icqlist/icqlist.html>

ARES/RACES IRC Chatroom
DALnet Server; #ARES/RACES; Sundays at 10 a.m.

Federal Emergency Management Agency (FEMA)
<http://www.fema.gov/>

Southern California Earthquake Center (SCEC)
<http://www.scec.org/>

Southern California Earthquake Center (SCEC) Data Center
<http://www.scecdc.scec.org/>

National Weather Service - San Diego
<http://nimbo.wrh.noaa.gov/Sandiego/nws.html>

Location Set For Third Semi-annual "Not So DX-Pedition"

Its going to be Joshua Tree

"Pedition" that is to be held the first weekend in May. The location is going to be perfect. We will be at Black Rock Campground in the Joshua Tree National Park.

This will be especially attractive to those who do not have an RV. There are great tent sites, excellent RV pads (without hookups), there are flush toilets and city water available. Picnic tables and fire pit at each campsite.

Art and Larry listened on some of the HF bands and the reception seemed very good to excellent. The site is at an elevation of 4,000 feet, so we should be able to also do well on VHF.

Because it is a National Park, there is a fee for camping. It is \$10.00 per campsite. If you are 62 or older, and have a "Golden Age Passport" you only pay \$5.00. (Golden Age Passports are available from the park service for \$10.00 and are valid for free admission to most national parks and discounts on camping. They are good for a lifetime.)

Campsites may be reserved. So that all of us can be together, Art and Larry will collect the \$10.00 reservation fee from those planning to attend at the meeting on March 20th. If you don't make a reservation, you may come anyway, but you will not be guaranteed a specific campsite. They have selected those sites they feel will be best for a group field day and antenna construction (besides being close to the johns). Maps and campground site layout will be available at the March meeting for all who make a reservation. We will submit a map and campground site layout for publication in the April "RF."



Don't be left out. At the last "Not So DX-Pedition" we had a great time. Plan on coming up on Friday or Saturday. Larry and Art will be there on Friday Morning. Bring your rig(s), your antenna(s), and your camping gear. Food and beverages are the responsibility of each camper, but last October we pooled our food and other delights and all ate together. It was fun and tasty. We also tried to get Jack Daniels and Johnny Walker to join the club, but they were gone by bedtime, hi. The campsite is close to the town of Yucca Valley, so those who wish to, can eat in town (or sleep there).



**Guests are not only welcomed, but encouraged.
Bring Some!**

For more information, call Larry, K6LDC at (714) 636-4345 or Art, KE6WOX at (714) 997-2078

NETNEWS
by WB6IXN

2/4 10m Phone Net - W6ZE/AF6C checks in VFC, AD6B, LDC, RND, WOX, HHC, JD, IXN, & TWA. VFC is bk frm Arkansas, and Dennis will just kick bk & listen to the Net. LDC gives VFC a gud sig rpt, and Larry is still working on cleaning up the shack plus playing wid a new 2m HT he just bought! AF6C does away wid LDC's 'pet black widows' that were hiding in an antenna rotator Larry left at Bob's QTH fer repair. AD6B works RND on CW, and Art joins the FISTS Club. RND asks Dennis if he still has those Hustler resonators fer sale. And AD6B says his MFJ-959 ant. tuner is 'out of business'! RND goes over awards offered by the FISTS Club, and John copies all OPs well. WOX & IXN are having similar dental work done, and Art continues to work on the 'fix easy-break easy' Volkswagon. AF6C & TWA measure 1 1/2" of rain out of the last storm, and Bob announces the Club Bfast this Sat.. JD plans to attend the Bfast., looking forward to meeting 'the crew'! HHC checks in frm AF6C's QTH, and Ken tells OPs that Mother Nature re-arranged his ants. in a 'touching pattern' which created a vy high SWR! Ken & XYL were off to Vegas last week fer sum R & R, spending most of their time in the MGM Grand. Next, HHC & fam. will be off on a skiing trip in a couple of weeks. IXN revamps a code practice BASIC program that appeared in Feb. QST, removing the syntax errors and re-arranging the program to give a better readout. It runs well on an IBM look-alike, and IXN will give a copy to any Club OP that requests it! TWA & IXN watch green things begin to grow...maybe spring has sprung!

2/4 2m Phone Net - W6ZE/IXN checks in AD6B, VFC, TWA, ZH, VDP, KFW, BWH, and ESD. LDC tells AD6B that his internal ant. tuner shud work well in the 920 rig. AD6B tells IXN there appears to be a dead short in the MFJ ant. tuner. VPC tells AD6B that the Hustler 20, 40, and 80m traps are in AK, and that he will bring 'em back in Apr. And Dennis asks IXN if there is any record of W7BD hving been an OCARC member. IXN cudn't find any record that Bob Leinau, W7BD, had payed Club dues. And VFC says 6m was open last Fri. eve. fer 45 min., wid 2 TX and 1 NM contacts. TWA told OPs abt the '69 storms and his work wid young people on the Santa Ana River at the mouth of Santiago Creek. ZH DXs wid Maldives Is., Libya & Laos! And Chris tells OPs that Dotty, IBP, has been diagnosed wid lung cancer & will soon hve surgery. BWH airs an interesting Newaline, inwhich OPs discover that Band Plans may become law in the U.S.! VDP & KFW both hve puddles on the lawn frm the last rains, and VDP is well pleased wid the performance of his new Alinco rig. Larry tells TWA that rain will probably delay the dismantling of the 4-section tower this weekend. And KFW says he tried to check in on 10m wid his temp. 10m ant. However, no OPs heard Chris! ESD has been chasing spiders out of the shack, took a trip to Italy last Sept., and has been working on an old rental house, between bouts of dancing!

2/11 10m Phone Net - W6ZE/AF6C checks in JD, IXN, AD6B, HHC, RND, LDC, WOX, XO, KFW, VFC, and VDP. JD hears all OPs tonite, and enjoyed the Club Bfast last Sat. IXN reports on JSV's back problems, wid possible surgery in Jim's future! AF6C busies himself turning the computer

room into a guest room fer a visitor...his sister. AD6B gets all necessary forms completed fer a vanity call sign, and HHC reports into Net frm AF6C,s shack. Ken and family will be off fer a skiing vacation at Mammoth come Sat. RND is 'dwn in the mud' at IXN & KFW's QTHs. But we do hear a 'lil discussion between NC & John abt the errant Fwy driver felon last evening! LDC, wid weak sigs, hastily checks the shack gear fer a problem. WOX asks RND if he knows anything abt CA safety rules fer school busses wid pop-out stop signs. And Art hopes HHC's skiing trip goes well. XO has been undergoing route inspections wid the U.S. Mail, enduring asthma problems wid the XYL, attended a square dance jamboree, and must deal wid a large sink hole in the parking lot! OPs hear KFW well tonite frm SW Santa Ana, and VFC reports a 6m opening bet. 3 & 6 pm today, hearing GA, FL, TX, and NM. Dennis expects to move to Arkansas the 1st two weeks of June. And VFC announces that the DeVry Swapmeet will continue on 2/21 at the Olympic Shooting Range near Prado Dam. VDP works 5 locals in the 10-10 Contest over last weekend, and Larry wants to go over to NGO's QTH to see what is left of Kei's ham gear.

2/11 2m Phone Net - W6ZE/IXN checks in ZH, VFC, LDC, KFW, TWA, VDP, RE, PZF, BWH, AF6C, ESD, KG6OK, and WOX. ZH reports that TAM is in Moreno Valley awaiting the outcome IBP's lung surgery fer a tumor removal tomorrow! And Chris say K6HNY. Robin, a former Club president, are transacting sum business, and that HNY plans to get bk on the air in the future. VFC repeats the Devry Swapmeet move fer 2m OPs. The 21st of Feb. is #1, wid other meetings to follow every 3rd Sat. of the month frm 6:30 - 11 am. LDC announces that work has been completed on the new QTH addition, and Larry & WOX will saunter forth to Joshua Tree to find a suitable location fer the next Club outing. And LDC thinks El Nino might hve waterlogged the traps in the VHF ant.! On the temporary vertical fer 10m, KFW heard a LU station frm Argentina today! KFW is off to watch the Olympic games. BWH has a question fer the absent VKZ tonite, so Bob immediately airs Newsline. RE tells IXN he's leaving Secure Horizons HMO fer SCAN. And Alex says 2m openings can be noticed wid Channel 2 interference. TWA easily reads his rain guage wid a drop of food coloring added to the water! And Charles logs 5" of rain frm past storms at present. VDP hears a JA station calling 'CQ' on 12m, and 10m was dead over the weekend, wid Larry logging only 5 local contacts during the 10-10 Contest. And VDP tentatively sets Feb. 21 as the day he, VKZ, BWH, & others will attempt to take down a donated tower. PZF 'flies in & flies out'! ESD attends a QCWA quarterly meeting at the Long Beach Yacht Club, as Bob laments missing packet radio, and tells OPs that he attended a seniors Valentine dance. OK has moved to a new county incorporated area where he will erect a new motorized crank-up tower, and Herb describes a business trip to Belgium, telling OPs abt the many hams he met. WOX looks forward to the Joshua Tree trip wid LDC to check out appropriate camp sites.

2/18 10m Phone Net - W6ZE/AF6C checks in LDC, RND, JD, IXN, HHC, VDP, KFW & TWA. LDC fades in & out in the QRN at IXN's QTH. And Larry reports to OPs on the Black Rock Canyon site at Joshua Tree for the next Club DX outing. All OPs get their RFs, and are ready fer Club meeting Fri. eve. And RND gets the most QSL cards in one day since

he's been hamming! In Jan., John logged over 9 pages of QSOs! LDC thinks he still might hve a 'lil trap trouble in the antenna. And RND tells OPs not to worry abt an EQ at Joshua Tree on this outing!...RND has sold the EQ RV!! JD gets his 'RF', kicks bk, and listens to the Net. AF6C entertains his sister at the San Diego Zoo, and dinner, before she is off to Boston. HHC and fam. travel to Mammoth on Sat., ski all day Sun., Ken goes to work on Mon., then bk to the mts. to ski all day Tues.! HHC is 'booming in' at LDC's QTH tonite. VDP tells OPs that 10m was wide open all day!...all over the country & S. American stations, too!! KFW hears all OPs FB tonite, wid VDP coming in vy loud. And Chris will retreat to the Olympics rite after Net. Any Club OP wanting a code practice program need not buy one if they hve an IBM look-alike computer...IXN will provide them wid a code practice program just for the asking!! And KFW & LDC discuss replacing WX damaged plastic on KFW's ant. traps. IXN can't hear TWA in the QRN tonite!

2/18 2m Phone Net - W6ZE/IXN checks in KFW, VDP, LDC, NG7D, BWH, ESD, & RE. KFW tells OPs the Hygain Tribander has been up at least 25 yrs, & wid moisture in the traps, it's time to WX proof them. VDP rides out the rain wid one minor leak inthe roof! And Larry hears Tonga on 10m arnd 28,020 MHz, and he hears VK9NS on 12m, but nothing on 6m. Larry tells LDC the Joshua Tree campsite fer the upcoming Club DXpedition is FB! And Larry tells BWH his 10m ant. is ready. BWH has visitors frm N. Dakota, but Bob takes time to air Newsline. We hear that the NARB wants to join FCC in eliminating clandestine, unlicensed radio stations in the Broadcast band. And BWH has scheduled a crane fer the upcoming Club ant. dismantling. LDC says that IXN faded in & out on 10m at his QTH, too. And KFW will checks out LDC's ant. traps fer size comparison. NG7D is rushed to the hosp., Jan. 6., fer congestive heart failure. After 43 hrs. in the Cardiac Wing, John is released. Bible classes at church on Tue. & Wed. eves. keeps NG7D frm joining us more often. He'll see us at meeting on Fri. ESD has a tight roof but sum loose shingles that need repairing. And Bob gets the Ringo Ranger put up fer the packet station. Bob alerts OPs that a SWO is presently working 30m CW! RE sits in front of the TV watching the Olympics & checks into Net wid the HT. Alex is resting after cutting the grass...The lawn man never came!

2/25 10m Phone Net - W6ZE/AF6C checks in LDC, WOX, IXN, OK, RND, KFW, VDP, & RE. LDC flies off as a speaker at a conference in Oakland tomorrow. Then Larry is off to the desert on the weekend to try out a new bike! WOX will help OK wid an upcoming ant. assembly project. And Art must determine the source of minor roof leaking. AF6C dumps the rain guage, and Bob measures 3.05" frm the last storm! Reception is bad at IXN's QTH, and many OPs are vy weak, and Bob gets the Knwd TH-315A working once agn. OK, wid the new tower up and ants. ordered, asks fer help frm OPs on Sat., 3/15, to help wid ant. assembly. IXN can't hear RND tonite, and VDP hears KFW best tonite. RE, hving truble wid the TV controller, arrives a 'lil late on Net. And wid all the El Nino storms, Alex is glad he no longer lives in Topanga Canyon!

2/25 2m Phone Net - W6ZE/IXN checks in WOX, LDC, RE, VDP, ESD, TWA, OK, PZF, AF6C, VFC, BWH, & UBK. IXN invites KE6AXJ, on freq. before

Net, to join us later. WOX is glad to see the sunshine once more, and the snow up on the mountains! Art, IXN, and RE all get their lawns cut before the big rain. AF6C wants to discuss GPS receivers wid VDP after Net, and Bob tells IXN he thinks HHC is on a business trip to San Diego. And RE finds a new prostate reducing medicine at the health food store, named 'men stuff', that seems to work pretty well! BWH airs Newsline #1071, and we learn that certain groups are trying to reduce the Amateur Bands to CB level by removing testing requirements for amateur licenses! VDP has good drainage and no flooding problems frm the rain at the QTH. And Larry discusses ordering GPS receivers fer interested OPs. VDP also works D2AI, in Angola, on 12m. And ESD hears Jarvis Is., telling OPs that 30m is open in the Pacific region! TWA tells us that 7 Club OPs removed the ant. tower frm a vy happy KA6AKY's QTH on the 22nd. The tower has been donated to the Club. OK hears all OPs well tonite, and Herb asks the Club fer help wid ant. construction on Mar. 14, and possibly the 15th if necessary. Tom, N6BT, will hoist the ants. to the new tower on the 21st, and may need a couple OPs to help then, too! PZF entertains a neice frm Albuquerque, and he listens to the rain beating on the aluminum awnings...glad that the rain is outside and not inside! VFC & UBK 'fly in and fly out'.

LOOK



Coming Meeting Programs:

March 20th Bruce Stwertnik of NCG-Comet Antennas will talk about new antennas and devices for the radio amateur.

April 17th, Wayne Overbeck, N6NB, will present "Measuring Antenna Gain; Quads, Yagis and others."

May 15th, Art Goddard, W6XD, will present his great talk and photos on his recent DX-pedition to New Guinea. Please see the write-up in this issue.

Orange County Amateur Radio Club
PO Box 3454
Tustin, CA 92781
1998 Application / Renewal

Date: _____

Name: _____ Call: _____

Class: Novice Tech Tech Plus General Advanced Extra

Address: _____

Phone: _____ OK to Publish in Roster? Yes No

Are you an ARRL Member? Yes No

Dues: (Prorated Quarterly from January for New Members only)

Member (\$15.00/ YR. \$ _____

Family Member (\$7.50/YR. \$ _____

Name: _____

Call: _____

Class: _____

Family Member (\$7.50/YR. \$ _____

Name: _____

Call: _____

Class: _____

Family Member (\$7.50/YR. \$ _____

Name: _____

Call: _____

Class: _____

Total Dues: \$ _____

ARRL Membership \$ _____

Badge (\$5.00) \$ _____

Total Amount Paid \$ _____

Treasurer Processed _____ Membership Processed _____

On-line Address: _____

Club Nets

| <u>Band</u> | <u>Mode</u> | <u>Day</u> | <u>Local Time</u> | <u>Freq.. MHZ</u> | <u>Net Control</u> |
|-------------|-------------|------------|-------------------|--------------------|--------------------|
| 10 Meters | SSB | Wednesday | 7:30 P.M. | 28.375* | AF6C |
| 2 Meters | FM | Wednesday | 8:30 P.M. | 146.550 Simplex | WB6IXN |

(Listen for W6ZE, Net Control)

*Plus or Minus QRM

General Meeting

March 20th
April 17th
May 15th

General Meeting Is the third Friday of each month, 7:30 P.M.,
AMERICAN RED CROSS facilities.

601 N. Golden Circle Dr., Santa Ana, Ca.
Major cross streets: Fourth Street and Tustin Ave.
Talk-In frequency 146.550 MHZ, simplex.

Board Breakfast

April 4th
May Canceled
June 6th

Board Meeting Is the first Saturday of each month, 8:00 A.M.
COCO's Restaurant ----- Members and Visitors are welcome.
2585 N. Tustin Ave., Orange, Ca.
Exit the 55 FWY at Lincoln Ave., West to Tustin Ave., Left on Tustin,
Restaurant on the East side. (Across from Ford Agency)



Orange County Amateur Radio Club Inc.
P.O. Box 3454
Tustin, Ca., 92781



First Class Mail

To:

Your Personal Copy

Time Dated Material
Please Rush